VOLUME 2 (1988)

TABLE OF CONTENTS

Number 1

Marek's disease virus serotype-1 antigens A and B and their unglycosylated precursors detected by Western blot analysis of infected cells ..... *I. Davidson, M. Malkinson and Y. Becker* 5

Translational regulation of influenza virus mRNAs ..... *K. Yamanaka, A. Ishihama and K. Nagata* 19

Characterization of a binding factor that interacts with the sequences upstream of the vaccinia virus thymidine kinase gene ..... *E.M. Wilson, C. Edbauer and D.E. Hruby* 31

RNA transcripts of Marek's disease virus (MDV) serotype-1 infected and transformed cells ... . *T. Maray, M. Malkinson and Y. Becker* 49

Characterization of the genome of a vaccine strain of canine adenovirus type 1 .... *Y.C. Liu, M.g. Abouhaidar, S. Sira and J.B. Campbell* 69

Chromatin structure of hormone-responsive Maloney murine leukemia virus proviruses that contain sequences from mouse mammary tumor virus ..... *T. Thompson and H. Fan* 83

Nucleotide sequence of Dengue type 3 virus genomic RNA encoding viral structural proteins ..... *K. Osatomi, I. Fuke, D. Tsuru, T. Shiba, Y. Sakaki and H. Sumiyoshi* 99

Number 2

Role of the cysteine-rich region of HIV tat protein on its trans-activational ability .... *S. Kubota, S. Endo, M. Maki and M. Hatanaka* 113

Expression of the plum pox virus coat protein region in *Escherichia coli* ..... *D. Mattanovich,* ..... *G. Himmler, M. Laimer, E. Maiss, F. Regner, A. da Camara Machado, V. Hanzer,* ..... *R. Casper and H.W.D. Katinger* 119

Transcriptional activation with concurrent or nonconcurrent template replication has differential effects on transient expression from herpes simplex virus promoters .... *B.W. Snowden, E.D. Blair and E.K. Wagner* 129

Functional mapping of the activity of the R region in the human T-cell leukemia virus type I long terminal repeat to increase gene expression ..... *M. Nakamura, K. Ohtani, Y. Hinuma and* ..... *K. Sugamura* 147

EK virus DNA cloned directly from human urine confirms an archetypal structure for the transcriptional control region ..... *R. Rubinstein and E.H. Harley* 157

Sequence organization in regulatory regions of DNA of minute virus of mice .... *J.W. Bodnar* 167

Nucleotide sequence of the thymidine kinase gene of a new strain of herpes simplex virus type 1 ..... *G. Palu and M.A. Biasolo* 183

Reconstitution of herpes simplex virus type 1 ribonucleotide reductase activity from the large and small subunits ..... *A.J. Darling, E.M. McKay, R. Ingemarson and V.G. Preston* 187

A very small viral double-stranded RNA ..... *T. Chang, N. Banerjee, J. Bruenn, W. Held,* ..... *T. Perry and Y. Koltin* 195

Number 3

Bean mild mosaic virus: genome and its translation products .... *V. Hari, I. Gadh, D. Baunoch and P. Das* 211

Computer analysis suggests a role for signal sequences in processing polyproteins of enveloped RNA viruses and as a mechanism of viral fusion ..... *J.K. Fazakerley and A.M. Ross* 223

Inhibition of human immunodeficiency virus reverse transcriptase by 2', 3'-dideoxynucleoside triphosphates: templates dependence, and combination with phosphonoformate ..... *M.C. Starnes and Y. Cheng* 241

Transcriptional activation is not responsible for increased levels of autonomously expressed simian virus 40 T-antigen in herpes simplex virus-infected cells ..... *E.D. Blair, B.W. Snowden and E.K. Wagner* 253

Enhancement of herpes simplex virus type 2 (HSV-2) DNA synthesis in infected cells that constitutively express the *Bgl*II-N region of the HSV-2 genome ..... *P. Lee, J. Chang, M. Yen, Y. Cheng and L.M. Nutter* 269

Sequences of capsid protein VP1 of two type A foot-and-mouth disease viruses ..... *O. Marquardt and K. Adam* 283

Letter to the Editor: Nucleotide sequence between the peplomer and matrix protein genes of the porcine transmissible gastroenteritis coronavirus identifies three large open reading frames ... *P.A. Kapke, F. Tung and D.A. Brian* 293

Number 4

Persistence of varicella-zoster virus DNA in blood mononuclear cells of patients with varicella or zoster .... *D.H. Gilden, M. Devlin, M. Wellish, R. Mahalingham, C. Huff, A. Hayward and A. Vafai* 299

Binding of cellular protein(s) to U_3 region of human T-cell leukemia virus type-I long terminal repeat ..... *Y. Adachi and M. Hatanaka* 307

A 37 kilodalton protein kinase associated with cauliflower mosaic virus ..... *A. Geldreich, H. Albrecht and G. Lebeurier* 313

Molecular cloning of DNA sequences from cervical intraepithelial neoplasia that hybridize to human cytomegalovirus DNA ..... *K. Fletcher and J.C.M. Macnab* 323

Nucleotide sequence of the pseudorabies virus immediate early gene, encoding a strong transactivator protein ..... *C. Vlcek, V. Paces and M. Schwyzer* 335

A temperature-sensitive defect of enterovirus 70 is located at the uridylylation of the genome-linked protein VPg in vitro ..... *N. Takeda, K. Miyamura, T. Takegami and S. Yamazaki* 347

Human topoisomerase 1 messenger RNA is not destabilized by the herpes simplex virus type 2 virion-associated shut-off function ..... *K.F. Bastow, B. Zhou and Y. Cheng* 357

Conference Reports: What is new and where are the problems in research on hemorrhagic fever with renal syndrome? ..... *C. Hsiang* 367

Book Reviews ..... *Y. Becker* 371